

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-17 (Canceled).

18. (Withdrawn) A liquid crystal display device comprising:  
at least one semiconductor layer;  
at least one gate wiring over the at least one semiconductor layer;  
at least one source wiring over the at least one semiconductor layer;  
at least one convex portion overlapping with the at least one of the at least one gate wiring and the at least one source wiring; and  
at least one pixel electrode partially overlapping with the at least one convex portion.

19. (Withdrawn) A liquid crystal display device comprising:  
at least one semiconductor layer;  
at least one gate wiring over the at least one semiconductor layer;  
at least one source wiring over the at least one semiconductor layer;  
at least one convex portion having a first height overlapping with the at least one gate wiring;  
at least one convex portion having a second height overlapping with the at least one source wiring; and

at least one pixel electrode partially overlapping with the at least one convex portion having the first height and the at least one convex portion having the second height.

20. (Currently amended) A liquid crystal display device comprising:

at least one thin film transistor over a substrate;

at least one gate wiring over the substrate and electrically connected with a gate electrode of the at least one thin film transistor;

at least one source wiring over the substrate and electrically connected with a semiconductor film of the at least one thin film transistor;

a first interlayer insulating film over the at least one gate wiring and the at least one source wiring;

a second interlayer insulating film over the first interlayer insulating film;

at least one convex portion over the second interlayer insulating film, and overlapping with the at least one source wiring; and

at least one pixel electrode partially overlapping with the at least one convex portion.

21. (Withdrawn) A liquid crystal display device comprising:

at least one thin film transistor over a substrate;

at least one storage capacitor over the substrate;

at least one convex portion overlapping with the at least one storage capacitor; and

at least one pixel electrode partially overlapping with the at least one convex portion.

22. (Currently amended) A liquid crystal display device comprising:

at least one thin film transistor over a first substrate;  
 at least one gate wiring over the first substrate and electrically connected with a gate electrode of the at least one thin film transistor;  
 at least one source wiring over the first substrate and electrically connected with a semiconductor film of the at least one thin film transistor;  
a first interlayer insulating film over the at least one gate wiring and the at least one source wiring;  
a second interlayer insulating film over the first interlayer insulating film;  
 at least one convex portion over the second interlayer insulating film, and overlapping with the at least one source wiring;  
 at least one pixel electrode partially overlapping with the at least one convex portion;  
 a second substrate having at least one color filter and a leveling film covering the at least one color filter; and  
 a liquid crystal disposed between the first substrate and the second substrate.

23. (Withdrawn) A liquid crystal display device comprising:

at least one thin film transistor over a first substrate;  
 at least one storage capacitor over the first substrate;  
 at least one convex portion overlapping with the at least one storage capacitor;  
 at least one pixel electrode partially overlapping with the at least one convex portion;  
 a second substrate having at least one color filter and a leveling film covering the at least one color filter; and  
 a liquid crystal disposed between the first substrate and the second substrate.

24. (Withdrawn) A liquid crystal display device according to claim 18, wherein the at least one convex portion comprises a film selected from the group consisting of a photosensitive organic resin film, an organic resin film, a silicon oxide film, a silicon nitride film and a silicon oxynitride film.

25. (Withdrawn) A liquid crystal display device according to claim 19, wherein the at least one convex portion comprises a film selected from the group consisting of a photosensitive organic resin film, an organic resin film, a silicon oxide film, a silicon nitride film and a silicon oxynitride film.

26. (Previously presented) A liquid crystal display device according to claim 20, wherein the at least one convex portion comprises a film selected from the group consisting of a photosensitive organic resin film, an organic resin film, a silicon oxide film, a silicon nitride film and a silicon oxynitride film.

27. (Withdrawn) A liquid crystal display device according to claim 21, wherein the at least one convex portion comprises a film selected from the group consisting of a photosensitive organic resin film, an organic resin film, a silicon oxide film, a silicon nitride film and a silicon oxynitride film.

28. (Previously presented) A liquid crystal display device according to claim 22, wherein the at least one convex portion comprises a film selected from the group consisting of a

photosensitive organic resin film, an organic resin film, a silicon oxide film, a silicon nitride film and a silicon oxynitride film.

29. (Withdrawn) A liquid crystal display device according to claim 23, wherein the at least one convex portion comprises a film selected from the group consisting of a photosensitive organic resin film, an organic resin film, a silicon oxide film, a silicon nitride film and a silicon oxynitride film.

30. (Withdrawn) A liquid crystal display device according to claim 18, wherein a taper angle of the at least one convex portion is less than  $90^\circ$ .

31. (Withdrawn) A liquid crystal display device according to claim 19, wherein a taper angle of the at least one convex portion is less than  $90^\circ$ .

32. (Previously presented) A liquid crystal display device according to claim 20, wherein a taper angle of the at least one convex portion is less than  $90^\circ$ .

33. (Withdrawn) A liquid crystal display device according to claim 21, wherein a taper angle of the at least one convex portion is less than  $90^\circ$ .

34. (Previously presented) A liquid crystal display device according to claim 22, wherein a taper angle of the at least one convex portion is less than  $90^\circ$ .

35. (Withdrawn) A liquid crystal display device according to claim 23, wherein a taper angle of the at least one convex portion is less than 90°.

36. (Withdrawn) A liquid crystal display device according to claim 18, wherein each of the at least one gate wiring and the at least one source wiring comprises an element selected from the group consisting of Ta, W, Ti, Mo, Al, and Cu, and an alloy material having one of these elements as its main constituent, and a chemical compound material.

37. (Withdrawn) A liquid crystal display device according to claim 19, wherein each of the at least one gate wiring and the at least one source wiring comprises an element selected from the group consisting of Ta, W, Ti, Mo, Al, and Cu, and an alloy material having one of these elements as its main constituent, and a chemical compound material.

38. (Previously presented) A liquid crystal display device according to claim 20, wherein each of the at least one gate wiring and the at least one source wiring comprises an element selected from the group consisting of Ta, W, Ti, Mo, Al, and Cu, and an alloy material having one of these elements as its main constituent, and a chemical compound material.

39. (Withdrawn) A liquid crystal display device according to claim 18, wherein the liquid crystal display device is a reflective type liquid crystal display device.

40. (Withdrawn) A liquid crystal display device according to claim 19, wherein the liquid crystal display device is a reflective type liquid crystal display device.

41. (Previously presented) A liquid crystal display device according to claim 20, wherein the liquid crystal display device is a reflective type liquid crystal display device.

42. (Withdrawn) A liquid crystal display device according to claim 21, wherein the liquid crystal display device is a reflective type liquid crystal display device.

43. (Previously presented) A liquid crystal display device according to claim 22, wherein the liquid crystal display device is a reflective type liquid crystal display device.

44. (Withdrawn) A liquid crystal display device according to claim 23, wherein the liquid crystal display device is a reflective type liquid crystal display device.

45. (Withdrawn) A liquid crystal display device according to claim 18, wherein the liquid crystal display device is a transmission type liquid crystal display device.

46. (Withdrawn) A liquid crystal display device according to claim 19, wherein the liquid crystal display device is a transmission type liquid crystal display device.

47. (Previously presented) A liquid crystal display device according to claim 20, wherein the liquid crystal display device is a transmission type liquid crystal display device.

48. (Withdrawn) A liquid crystal display device according to claim 21, wherein the liquid crystal display device is a transmission type liquid crystal display device.

49. (Previously presented) A liquid crystal display device according to claim 22, wherein the liquid crystal display device is a transmission type liquid crystal display device.

50. (Previously presented) A liquid crystal display device according to claim 23, wherein the liquid crystal display device is a transmission type liquid crystal display device.

51. (Previously presented) A liquid crystal display device according to claim 18, wherein the liquid crystal display device is applied to an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a mobile computer, a portable telephone and an electronic notebook.

52. (Previously presented) A liquid crystal display device according to claim 19, wherein the liquid crystal display device is applied to an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a mobile computer, a portable telephone and an electronic notebook.

53. (Previously presented) A liquid crystal display device according to claim 20, wherein the liquid crystal display device is applied to an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a mobile computer, a portable telephone and an electronic notebook.



54. (Withdrawn) A liquid crystal display device according to claim 21, wherein the liquid crystal display device is applied to an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a mobile computer, a portable telephone and an electronic notebook.

55. (Previously presented) A liquid crystal display device according to claim 22, wherein the liquid crystal display device is applied to an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a mobile computer, a portable telephone and an electronic notebook.

56. (Withdrawn) A liquid crystal display device according to claim 23, wherein the liquid crystal display device is applied to an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a mobile computer, a portable telephone and an electronic notebook.